## KENTUCKY DIVISION OF AML

### STANDARD DETAILS

2008

# TABLE OF CONTENTS AML STANDARD DETAILS

#### 1. DRAINAGE-SUBSURFACE

AMLSUB 1-1 DROPBOXES

AMLSUB 1-2 DROPBOXES

AMLSUB 1-3 DROPBOXES

AMLSUB 2-1 JUNCTION BOXES

AMLSUB 2-2 JUNCTION BOXES

AMLSUB 2-3 JUNXTION BOXES

AMLSUB 3 CULVERT ANCHORS

AMLSUB 4 MANHOLE TYPE A

AMLSUB 5-1 ROCK TOE BUTTRESS

AMLSUB 5-2 ROCK TOE BUTTRESS

AMLSUB 6 ROCK CORE DRAIN

AMLSUB 7 SUBDRAIN-TYPE 1

AMLSUB 8 SUBDRAIN-TYPE 2

AMLSUB 9 SUBDRAIN-TYPE 3

#### 2. DRAINAGE-SURFACE

AMLSUR 1 FLAT BOTTOM (FB)

CLASS II DITCH

AMLSUR 2 FLAT BOTTOM (FB)

CLASS III DITCH

AMLSUR3 2' FB CONCRETE DITCH

AMLSUR 4 RECTANGULAR

CONCRETE DITCH

AMLSUR 5 GRATED RECT. CONC.

**DITCH** 

AMLSUR 6 ECB "V" DITCH

AMLSUR 7 ECB DIVERSION DITCH

WITH BERM

AMLSUR 8 4 'ECB SWALE DITCH

AMLSUR 9 FB ECB DITCH

AMLSUR 10 ECB ANCHOR-TYPE A

AMLSUR 11 ECB ANCHOR-TYPE B

AMLSUR 12 ECB ANCHOR-TYPE C

AMLSUR 13 EXCAVATED ROCK

DITCHES

AMLSUR 14	GABION "V" DITCH
AMLSUR 15	TRAPEZOIDAL GABION DITCH
AMLSUR 16	4' FB RECTANGULAR GABION DITCH
AMLSUR 16-2	4' FB RECTANGULAR GABION DITCH
AMLSUR 17	6' FB RECTANGULAR GABION DITCH
AMLSUR 18	8' FB RECTANGULAR GABION DITCH
AMLSUR 19	GABION HEADWALL
AMLSUR 19 AMLSUR 20-1	GABION HEADWALL  CONCRETE HEADWALLS
	CONCRETE
AMLSUR 20-1	CONCRETE HEADWALLS CONCRETE
AMLSUR 20-1 AMLSUR 20-2	CONCRETE HEADWALLS  CONCRETE HEADWALLS  CONCRETE

AMLSUR 20-6 CONCRETE

**HEADWALLS** 

AMLSUR 21 DOUBLE PIPE CULVERT

CONC. HEADWALL

AMLSUR 22 LOW-WATER

**CROSSING** 

AMLSUR 23 STREAM HABITAT IMP.

STRUCTURES

AMLSUR 24 TYP. ACCESS ROAD

W/SIDE DITCH & BERM

#### 3. MISCELLANEOUS DRAWINGS

AMLMIS 1 SLOPE-EMBANKMENT

FOUNDATION BENCH

AMLMIS 2 SLOPE

RECONSTRUCTION

AMLMIS 3 COVER MATERIAL

**PLACEMENT** 

AMLMIS 4 ACCESS GATE

AMLMIS 5 BITUMINOUS

PAVEMENT RESTORE

AMLMIS 6 PIPE BEDDING

AMLMIS 7 SLOTTED PIPE

**BEDDING** 

AMLMIS 8 CMP JOINTS

AMLMIS 9 SECURITY DEVICES

AMLMIS 10 GABION BASKET

**ASSEMBLY** 

#### 4. PORTAL CLOSURES

AMLPC 1 CONCRETE MINE

SHAFT MONUMENT

AMLPC 2 SUBSIDENCE & MINE

SHAFT BACKFILL

AMLPC 3 MOUNTAIN BREAK

**BACKFILL** 

AMLPC 4 CONCRETE BLOCK

**CLOSURE** 

AMLPC 5 CONC. BLOCK

W/HUMAN ACCESS

AMLPC 6 FABRIC FORMED

CONC. CLOSURE

AMLPC 7 POLYURETHANE FOAM

CLOSURE W/WILDLIFE

**ACCESS** 

AMLPC 8 BAT CLOSURE

AMLPC 8-2 BAT CLOSURE

AMLPC 8-3 BAT CLOSURE

AMLPC 9 WILDLIFE CLOSURE

AMLPC 10 GABION CLOSURE

AMLPC 11 AUGER CLOSURE

CLASS II

AMLPC 12 CLOSURE-CLASS II,

EARTH, BACKSTOWED

AMLPC 13 GENERAL NOTES

#### 5. RETAINING WALLS

AMLRW 1 GRAVITY WALL

AMLRW 2 RC RETAINING WALL

AMLRW 3 RC RETAINING WALL

**EXTENDED** 

AMLRW 4 GABION WALL

AMLRW 5-1 PILE & LAGGING

AMLRW 5-2 PILE & LAGGING

AMLRW 6-1 RAIL STEEL W/PANELS

AMLRW 6-2 RAIL STEEL W/PANELS

AMLRW 6-3 RAIL STEEL W/PANELS

AMLRW 6-4 RAIL STEEL W/PANELS

AMLRW 6-5 RAIL STEEL W/PANELS

AMLRW 7 RAIL STEEL

**FOUNDATION** 

AMLRW 8-1 RC PILES & CAP

AMLRW 8-2 RC PILES & CAP

#### 6. SAFETY FEATURES

AMLSF 1 DEBRIS BARRIER

WALL

AMLSF 2 STEEL PANEL WALL

AMLSF 3 CHAIN-LINK FENCE

AMLSF 4 WOVEN-WIRE FENCE

AMLSF 5 HIGHWALL

RESTORATION

#### 7. SILT CONTROL

AMLSC 1 SILT CHECK-BAGS

AMLSC 2 SILT CHECK-HAY BALE

AMLSC 3 SILT FENCE

AMLSC 4 SILT CHECK-ROCK

AMLSC 5 SILT TRAP-TYPE A

AMLSC 6 SILT TRAP-TYPE B

AMLSC 7 ENERGY DISSIPATER

AMLSC 8 GABION SILT CHECK

AMLSC 9 GABION CATCH BASIN

AMLSC 10 DISCHARGE AREA

**EROSION CONTROL** 

#### 8. WATER TREATMENT

AMLWT 1 UPFLOW LIMESTONE

**POND** 

AMLWT 2 DOWNFLOW

LIMESTONE POND

AMLWT 3 MANHOLE & SIPHON

**SYSTEM** 

AMLWT 4 GATE VALVE &

HOUSING

AMLWT 5 SEQUENTIAL

**AERATION DITCH** 

AMLWT 6 FLUME